

Enabling secure investigations in an AI-first world

Dell Technologies OEM Solutions enable pi-labs to deliver AI-powered software that supports security, investigating and law enforcement agencies in sifting through voluminous evidence, detecting deepfakes and synthetic audio, faster than ever.

Business Needs

High-end servers are essential for training models at the back end and processing data at the edge at national scale. As digital evidence volumes surge from financial transactions, emails, and device logs to social media, CCTV footage and multimedia, agencies must rapidly analyze massive datasets while ensuring security and compliance.

Forensic-grade AI deployments involve highly sensitive data, which requires on-premises, GPU-intensive infrastructure for inference. With high-precision platforms and critical nature of deployment, there is little or no margin for error.

Business Results

Enabled by Dell Technologies' secure, on-premises AI infrastructure, pi-labs delivers:



Operational efficiency without additional manpower, delivering clear cost leverage



Reduced risk of manipulated or false evidence through automated deepfake and media validation



Hours of CCTV review processed into seconds-level summaries



Faster case resolution through automated correlation of multi-source evidence



Real-time identification of hidden links, networks, and patterns across datasets

Dell Solutions at a Glance

- Dell PowerEdge 760XA
- Dell PowerEdge 760XD2
- Dell Precision 5860XL Tower

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Our deployments demand the highest levels of security and sovereignty, on-premises is non-negotiable. Dell Technologies OEM Solutions gives us exactly that, along with the inference servers and edge devices we need to ensure every client gets optimal, purpose-built hardware.

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— Ankush Tiwari, Founder and CEO, pi-labs

Powering forensic AI innovation



pi-labs implemented Dell Technologies OEM Solutions infrastructure, deploying Dell AI servers and GPU-accelerated systems within secure, fully on-premises environments to power its forensic-grade AI platform. This implementation provides the foundation needed to address the growing complexity of digital crime in an AI-first world.

Founded in 2023, pi-labs is a cyber forensics, cybersecurity, and intelligence company building sovereign AI platforms to help defense and forensic agencies turn complex data into actionable insights, enabling faster investigations and smarter decision-making. The company aims to safeguard the future against digital manipulation and voice impersonation while equipping agencies with next-generation tools that fuse data to analyze, connect, and detect complex patterns across fragmented investigations.

Given the complex, highly sensitive nature of the work and large-scale demand, pi-labs relies primarily on its own AI models, which must run in an air-gap environment due to security considerations.

For years, India has relied on foreign forensic and investigation technologies that were designed for different demographics, different crime patterns and foreign languages, force-fitted into an environment they were never built for. As a result, law enforcement and defense agencies have long struggled with solutions that cannot match the country's scale, speed, or operational realities.

Today, with deepfakes, voice impersonation and digital manipulation rising at an unprecedented pace, this dependency creates a serious gap in national security preparedness. pi-labs closes this gap by building India-first, globally competitive forensic and investigative AI products tailored for Indian languages, threat landscapes and operational scale.

Innovations for a safer tomorrow



pi-labs is developing AI-native deepfake detection engines that authenticate digital media and detect voice impersonation — using AI to combat AI.

At its core, the platform identifies synthetic pixels, matches speaker voiceprints, transcribes multilingual audio, and processes large-scale video footage including CCTV, enabling agencies to move from data-burdened to data-driven.

Underpinning all of this is the secure, on-premises infrastructure built with Dell Technologies OEM Solutions, purpose-built to handle these forensic-grade workloads at scale, ensuring agencies can uncover critical insights from multimedia evidence while staying ahead of evolving threat actors.

Transforming Investigations Through AI- Powered Data Fusion



Powered by Dell Technologies OEM Solutions' secure, on-premises infrastructure, pi-labs ensures all case data remains sovereign and compliant with the strict requirements of government agencies, the critical foundation for what comes next.

Today, a single criminal case can require investigators to sift through the phone data of hundreds of people, millions of files, averaging 100 GB per device. With evidence spanning images, audio, video, and CCTV, manual analysis is no longer viable.

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At pi-labs we are building global products, but built for India to create a safer tomorrow for citizens, governments and enterprises in an AI-first world.

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- Ankush Tiwari, Founder & CEO, pi-labs.

pi-labs' data fusion engine changes this, tracing relationships across large case data dumps, mapping networks of interconnected entities, and building coherent timelines, while letting investigators "chat with the evidence" for faster, more accurate decision-making in high-stakes scenarios.

A trusted customer shared that they are using the pi-scout, pi-labs' the data fusion engine, which not only reduces investigator time in building a case and connecting timelines but also makes it easier to "speak with the evidence", ensuring building a strong case from day one.

According to a prominent forensic laboratory, the pi-labs detection framework when deployed with Dell Technologies OEM Solutions infrastructure achieved outstanding performance in distinguishing AI-synthesized deepfakes from authentic media, enabling rapid and defensible evidence validation. Their assessment highlights its critical role in strengthening investigative outcomes. As investigations grow more complex in an AI-first world, pi-labs and Dell Technologies together provide the secure, on-premises AI infrastructure needed to lead the way forward.

Together, pi-labs and Dell Technologies are strengthening investigative outcomes through secure, on-premises AI infrastructure built to handle the demands of an AI-first world.

[Learn more about OEM \(Original Equipment Manufacturer\) Solutions | Dell USA](#)

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The digital data explosion makes it challenging for security agencies to collect evidence and detect deepfakes. We use AI as an enabler for Indian agencies to neutralize misinformation and deepfakes with national security implications,

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Ankush Tiwari, Founder & CEO, pi-labs.

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Our models require continuous retraining to keep pace with rapidly evolving threats. Dell's OEM infrastructure, powered by specialized GPUs, provides the computational backbone needed to execute these intensive workloads at scale. This has made Dell a critical partner in our journey, enabling us to innovate and scale with confidence. Overall, this has resulted in a strong and successful partnership

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Ankush Tiwari, Founder & CEO, pi-labs